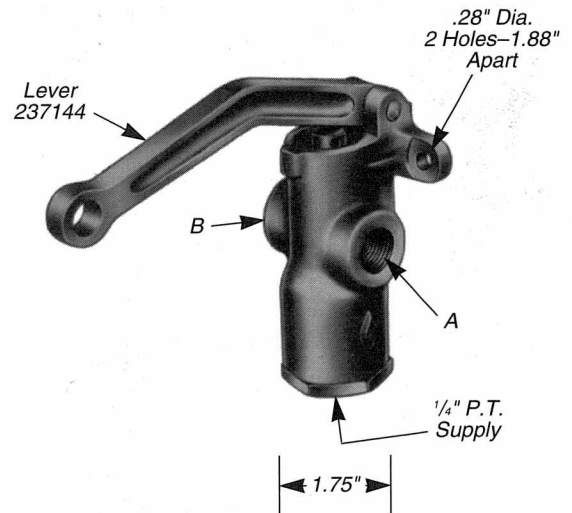
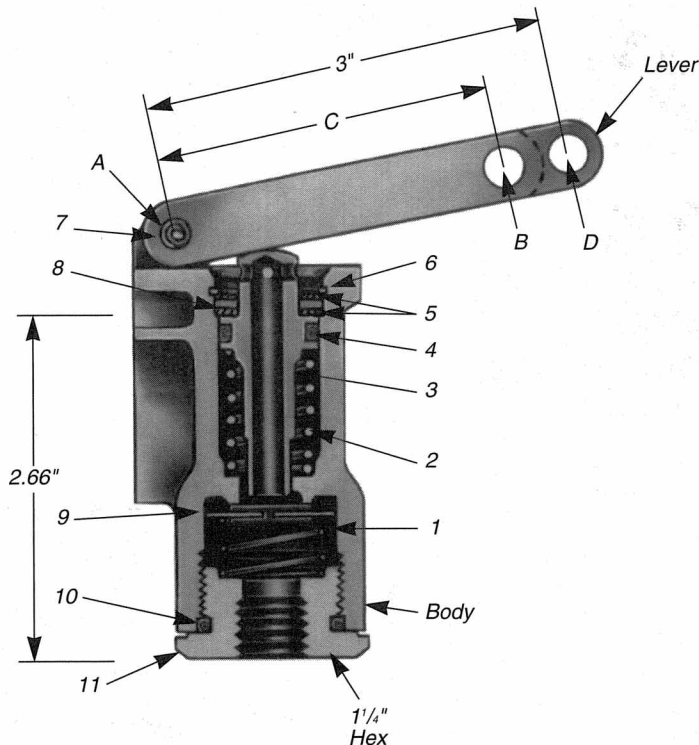


The TW Valves are manually operated, non-modulating controls used extensively in the air brake system. They can be button, lever or cam actuated. The TW-3 is used in parking and emergency brake systems and has a slightly greater capacity than the TW-1.



LEVER PC. NO.	A DIA. HOLE	B HOLE OR THD.	C DIM'N.	D DRILL
237143	.265	NONE	NONE	5/16
242029	.265	9/32 Hole	2 1/2	5/16
245047	.265	3/8-16 Unc 2B Thd.	2 1/2	NONE

SERV./REMFR. EXCH. TW-3 CONTROL VALVE PC. NO.	REFERENCE DETAILS		
	BODY PC. NO.	A DELIVERY PORT P.T.	B DELIVERY PORT P.T.
226639	242481	1/4	NONE
281391	245765	1/4	1/4

See Conversion List For Lever Pc. Numbers.

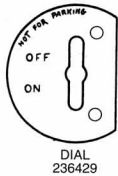
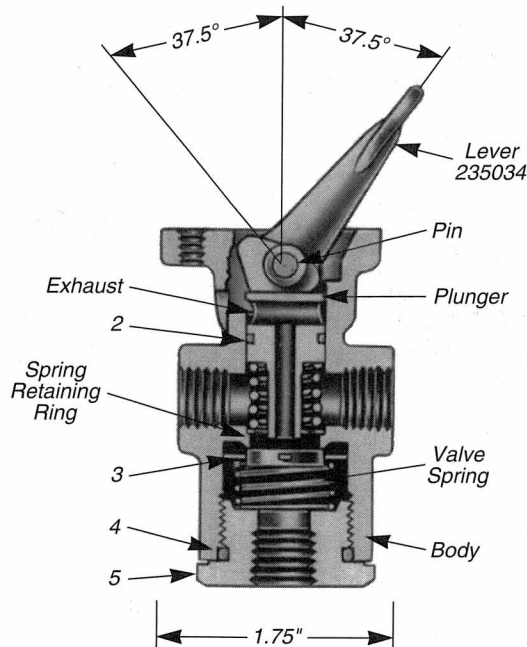
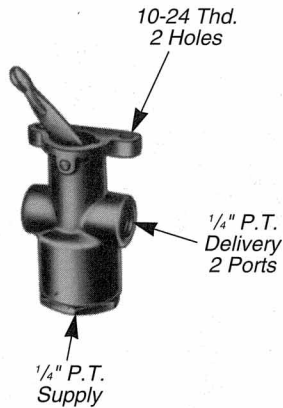
NO.	PC. NO.	QUAN.	DESCRIPTION
1	235077	1	Valve Spring
2	235080	1	Plunger Return Spring
3	235081	1	Plunger
4	214745	1	Grommet, .755" O.D.
5	291786	2	Special Washer
6	233649	1	Retaining Ring
7	237053	1	Spirol Pin
8	291638	1	Felt Washer
9	235075	1	Valve
10	213343	1	Sealing Ring, 1.125" O.D.
11	235078	1	Cap Nut

## CONVERSION LIST - TW-3 O.E. NUMBERS TO SERV./REMFR. EXCH.

TW-3 EMERGENCY CONTROL VALVE O. E. PC. NO.	FOR SERV. OR REMFR. EXCH. USE* PC. NO.	LEVER PC. NO.
225346	226639	237143
226498	226639	237144
226639	226639	NONE
277245	226639	242029
280480	226639	245047
281352	281391	242029
A281380	281391	NONE
281391	281391	NONE
285566	226639	NONE
A288263	281391	NONE
A288276	281391	245047

A-Add Pipe Plug, 230576.

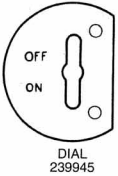
\*-These Serv./REMFR. Exch. Assemblies Do Not Include Lever. If Lever Is Required, Purchase Lever Pc. No. Shown in Last Column.



DIAL  
236429



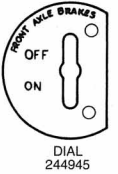
DIAL  
237281



DIAL  
239945



DIAL  
244532

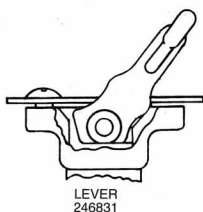


DIAL  
244945

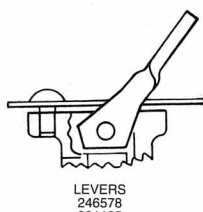
SERV./REMFR. EXCH. TW-3 CONTROL VALVE PC. NO.	REFERENCE DETAILS						
	LEVER PC. NO.	LEVER MAT'L.	BODY PC. NO.	PLUNGER PC. NO.	VALVE SPRING PC. NO.	PIN PC. NO.	SPRING RETAINING RING PC. NO.
A225892	235034	Zinc	240561	235914	248880	245815	235913
A228762	246578	Steel	240561	235914	248880	245815	235913
275434	240588	Nylon	240561	245357	246034	245815	239670
282329	246578	Steel	240561	245357	246034	246579	239670
B283040	247265	Steel	290108	290109	246034	246579	239670
B283935	247265	Steel	240561	245357	246034	246579	239670
AB283937	291125	Steel	240561	235914	248880	245815	235913
A287122	246831	Nylon	240561	235914	248880	245815	235913

A—Vacuum Control Valve  
B—Add Two (2) Screw, 245458.

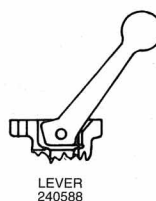
NO.	PC. NO.	QUAN.	DESCRIPTION
1	237711	1	Plunger Return Spring
2	231023	1	Grommet, .625" O.D.
3	235075	1	Valve
4	213343	1	Sealing Ring
5	235078	1	Cap Nut



LEVER  
246831



LEVERS  
246578  
291125



LEVER  
240588



LEVER  
247265

### CONVERSION LIST—TW-3 O.E. NUMBERS TO SERV./REMFR. EXCH.

TW-3 CONTROL VALVE O. E. PC. NO.	FOR SERV. OR REMFR. EXCH. USE* PC. NO.	DIAL PC. NO.
225892	225892	NONE
228485	225892	236429
228762	228762	NONE
229793	225892	239945
275434	275434	NONE
276149	228762	237281
276186	228762	239945
277953	228762	NONE
277997	225892	NONE
278345	228762	237281
279800	228762	244532
280327	225892	244945
282255	282329	NONE
282329	282329	NONE
283040	283040	NONE
283043	283937	NONE
283935	283935	NONE
283937	283937	NONE
286698	228672	NONE
287122	287122	NONE

\*These Serv/REMFR. Exch. Assemblies Do Not Include Dial. If Dial Is Required, Purchase Dial Pc. No. Shown In Last Column. Add Two (2) Screw, 237032.